

BRADY Xtra-Glo B-7588 PHOTOLUMINESCENT CLASS C RIGID PVC SIGN

TDS No. B-7588
Effective Date: 07/06/2016

Description:

Rigid PVC laminated with a printed flexible photoluminescent polyester tape Class C (Xtra-Glo B-7582).

Substrate type: Rigid photoluminescent polyvinylchloride sign.

Standard legend colors: Black, blue, green and red

Use:

B-7588 is used for safety applications such as safety signage in building, marine, rail and military applications.

Relevant standards:

Luminous compliance according DIN 67510, ASTM 2072, ISO 15370, EU marine equipment directive, IMO RES A. 752 (18), PSPA Class C.

Illuminescent properties:

Charge time of 5 minutes @ 1000 Lux will charge the sign for 24 hours of glow time (min. 0.32 mcd/m²)
Consistent glow life and unlimited rechargability throughout service life.

Test results according to DIN 67510 Part 1 standard / ASTM 2072: 1000 Lux Xenon Lamp for 5 minutes at 22°C

Luminance (after illumination):

2 minutes : 794 mcd/m²
10 minutes : 180 mcd/m²
30 minutes : 49.8 mcd/m²
60 minutes : 23 mcd/m²

Details:

PHYSICAL PROPERTIES	TEST METHOD	AVERAGE RESULTS
Thickness	PSTC-133 Total thickness	1.78 mm
Abrasion Resistance	CS-10 wheels	Polyester laminate withstands up to 1000 cycles
Service temperature		-40°C to 65°C (-40°F to 150°F)
Humidity resistance	30 days at 37°C/95%RH	No visible effect

Outdoor applications:

Not recommended for outdoor application.

CHEMICAL PROPERTIES:

CHEMICAL REAGENT	Rub test
Methyl ethyl ketone	No visible effect
Toluene	No visible effect
Isopropyl alcohol	No visible effect
Ethanol (96%)	No visible effect
n-Hexane	No visible effect
Acetone	No visible effect
Gasoline	No visible effect
Diesel	No visible effect
De-ionized water	No visible effect
5% NaOH	No visible effect
10% Sulphuric acid solution	No visible effect
10% NaCl solution	No visible effect
5% Soap Extran MA 02 neutral	No visible effect

Rub test: Rubbed sample for 1 minute with swab soaked in reagent.

Shelf life: 2 years if stored below 27°C (80°F) and 60% RH.

Trademarks:

Note: All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2016 W.H. Brady, N.V. | All Rights Reserved
Material may not be reproduced or distributed in any form without written permission.

Brady Europe | Industriepark C3 Lindestraat 20 | B9240 Zele | Belgium | Tel: +32 52.45.7811 | Fax: +32 52.45.7812